

**To:** Kirkland, Robert[kirkland.robert@epa.gov]; Foster, Althea[Foster.Althea@epa.gov]  
**Cc:** Garcia, David[Garcia.David@epa.gov]; Restivo, Angela[Restivo.Angela@epa.gov]; Crossland, Ronnie[Crossland.Ronnie@epa.gov]; Brown, Jamesr[brown.jamesr@epa.gov]; Garcia, David[Garcia.David@epa.gov]  
**From:** Kosfischer, Angel  
**Sent:** Fri 8/7/2015 12:26:44 PM  
**Subject:** RE: EPA statement on river use

I am in the office

**From:** Kirkland, Robert  
**Sent:** Friday, August 07, 2015 7:21 AM  
**To:** Foster, Althea  
**Cc:** Garcia, David; Restivo, Angela; Crossland, Ronnie; Brown, Jamesr; Garcia, David; Kosfischer, Angel  
**Subject:** RE: EPA statement on river use

Althea,

Here is the map you were requesting. When Angel gets in, he can print it for you as well if you want. He is usually in by 7:30 am.

The Map shows populated places, and if you have ever driven from Ship Rock to Durango, you will know that the area is more densely populated along the Animas and San Juan Rivers.

Thanks,

Robert Kirkland

Physical Scientist (Environmental)

Surface Water Center Coordinator

USEPA Region 6, 6WQ-NI

[kirkland.robert@epa.gov](mailto:kirkland.robert@epa.gov)

214-665-6798

"Here be dragons" Unknown author. A phrase used to fill the whitespace on early maps.

**From:** Foster, Althea  
**Sent:** Thursday, August 06, 2015 10:57 PM  
**To:** Kirkland, Robert  
**Cc:** Garcia, David; Restivo, Angela; Crossland, Ronnie  
**Subject:** FW: EPA statement on river use

Bob,

Would you be able produce a map similar to the one you produced for us today, meeting Sam Coleman's criteria below? Thanks for all your help.

**From:** Crossland, Ronnie  
**Sent:** Thursday, August 06, 2015 10:16 PM  
**To:** Coleman, Sam; Edlund, Carl; Phillips, Pam  
**Cc:** Foster, Althea; Webster, Susan; Petersen, Chris  
**Subject:** RE: EPA statement on river use

Will do. We have one with the intakes identified. The "major" cities are Aztec and Farmington.

Ronnie

**From:** Coleman, Sam  
**Sent:** Thursday, August 06, 2015 10:14 PM  
**To:** Edlund, Carl; Phillips, Pam; Crossland, Ronnie  
**Subject:** RE: EPA statement on river use

We need a map showing flow of river and major towns for the RA ASAP in the am.

Samuel Coleman, P.E.  
Deputy Regional Administrator  
Region 6  
[coleman.sam@epa.gov](mailto:coleman.sam@epa.gov)  
214.665.2100 Ofc  
214.665.3110 Direct  
214.789.2016 Cell  
Sent from my Windows Phone

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**From:** [Edlund, Carl](#)  
**Sent:** 8/6/2015 10:00 PM  
**To:** [Hestmark, Martin](#)  
**Cc:** [Crossland, Ronnie](#); [Coleman, Sam](#); [Manzanilla, Enrique](#); [Phillips, Pam](#); [Gray, David](#)  
**Subject:** Re: EPA statement on river use

Thanks Martin...I included Enrique in cc's since this might be a Navajo issue if the slug goes past Fatmington

Sent from my iPad

On Aug 6, 2015, at 7:08 PM, Hestmark, Martin <[Hestmark.Martin@epa.gov](mailto:Hestmark.Martin@epa.gov)> wrote:

**From:** Ostrander, David  
**Sent:** Thursday, August 06, 2015 10:43 AM  
**To:** Card, Joan; McGrath, Shaun; Hestmark, Martin; Cristiano, Gina  
**Subject:** FW: EPA statement on river use

**From:** Ostrander, David  
**Sent:** Thursday, August 06, 2015 10:08 AM  
**To:** '[foneil@sjbhd.org](mailto:foneil@sjbhd.org)'  
**Subject:** EPA statement on river use

## Gold King Mine water release:

Yesterday an EPA and State Division of Reclamation Mining and Safety team working to investigate and address contamination at the Gold King Mine in San Juan County, Colo. unexpectedly triggered a large release of mine waste water into the upper portions of Cement Creek. Initial estimates are that the release contained approximately 1M gallons of water that was held behind unconsolidated debris near an abandoned mine portal. There were several workers at the site at the time of the breach, all were unharmed.

The acidic mine water associated with the release contains high levels of sediment and metals. EPA teams are conducting sampling and visual observations today and will be monitoring river conditions over the next several days. The water associated with the release is obvious and highly discolored.

EPA recommends that recreational users of the Animas River avoid contact with or use of the river until the pulse of mine water passes.